

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043992.D
 Acq On : 9 Jan 2020 8:26
 Operator : JU
 Sample : L1048-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-A

Quant Time: Jan 10 10:55:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	113385	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	458851	20.00	ng	-0.02
39) Acenaphthene-d10	14.59	164	295337	20.00	ng	-0.01
64) Phenanthrene-d10	17.32	188	634340	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	550995	20.00	ng	-0.02
87) Perylene-d12	24.69	264	602295	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	12936	2.09	ng	0.00
7) Phenol-d6	7.12	99	185788	21.52	ng	0.00
23) Nitrobenzene-d5	9.10	82	297483	34.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.09	330	54	0.02	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	717143	43.99	ng	-0.02
79) Terphenyl-d14	19.94	244	1093564	39.87	ng	-0.02

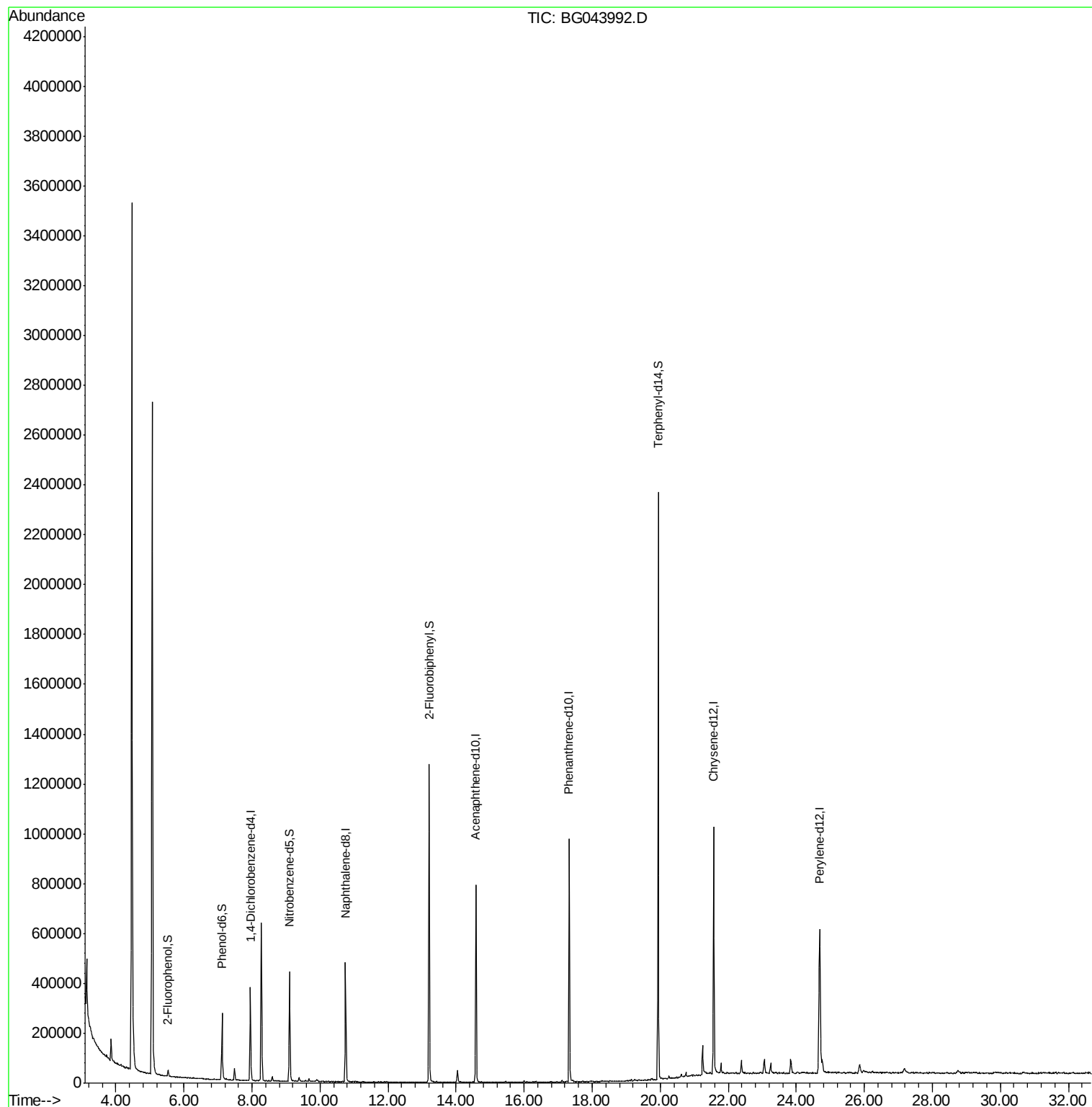
Target Compounds Qvalue

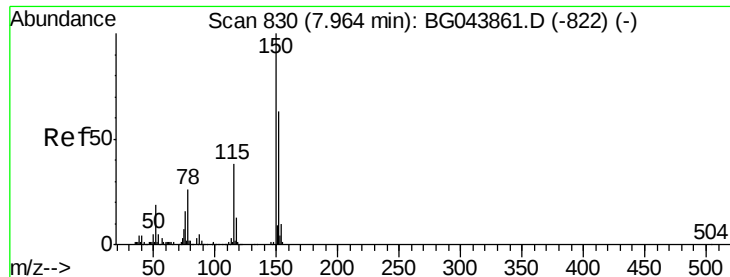
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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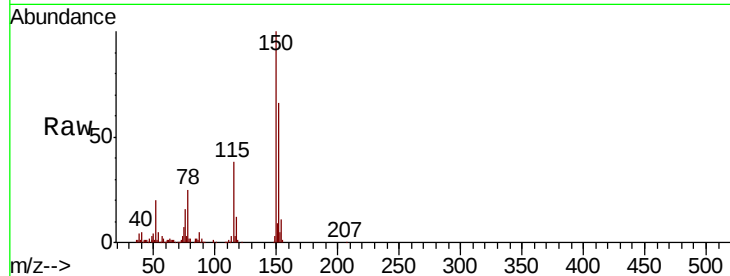


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043992.D
Acq: 9 Jan 2020 8:26

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	127.0	190.4
115	58.1	47.8	71.8

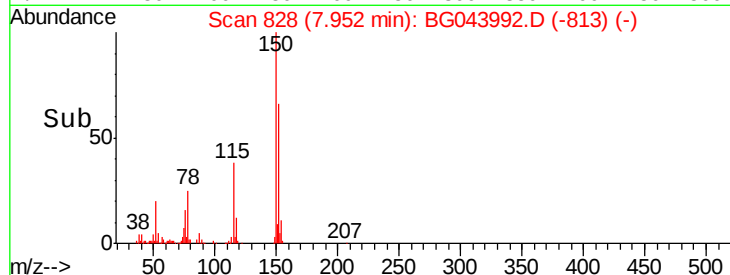
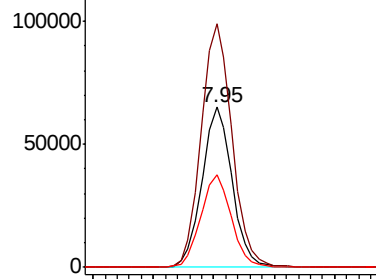


Abundance

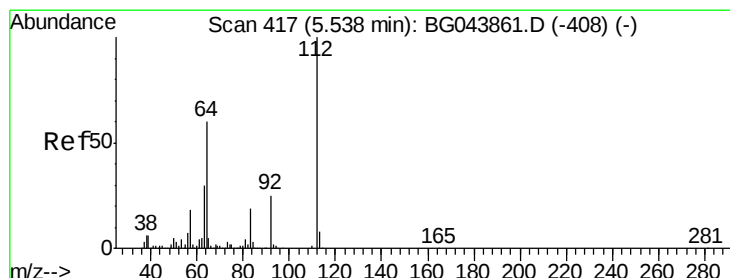
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



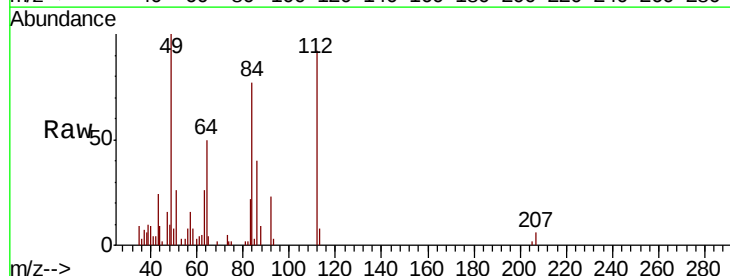
Time-->



#5

2-Fluorophenol
Concen: 2.095 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043992.D
Acq: 9 Jan 2020 8:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.8	71.6
63	28.5	24.3	36.5

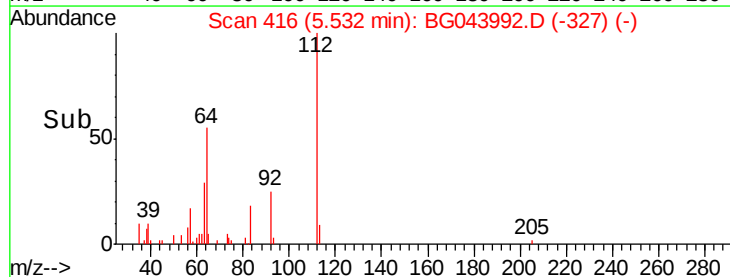
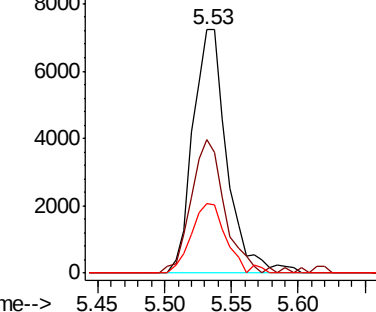


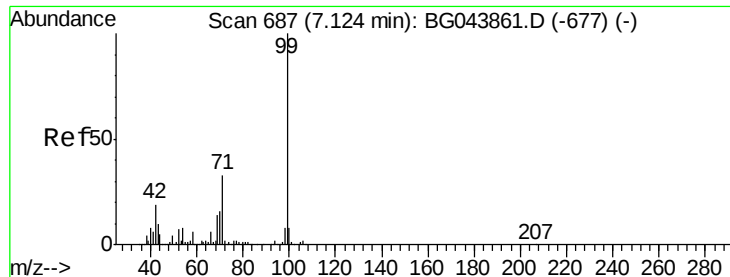
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 21.523 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG043992.D

Acq: 9 Jan 2020 8:26

Instrument :

BNA_G

ClientSampled :

FRONT-PIER-A

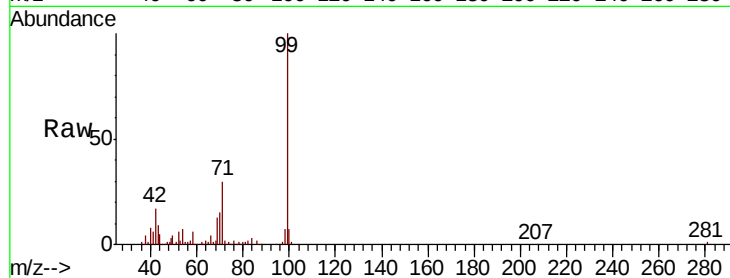
Tot Ion: 99 Resp: 185788

Ion Ratio Lower Upper

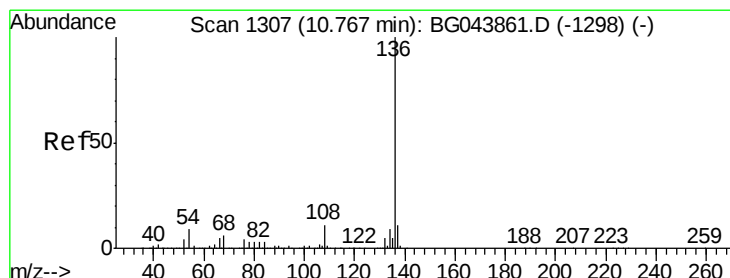
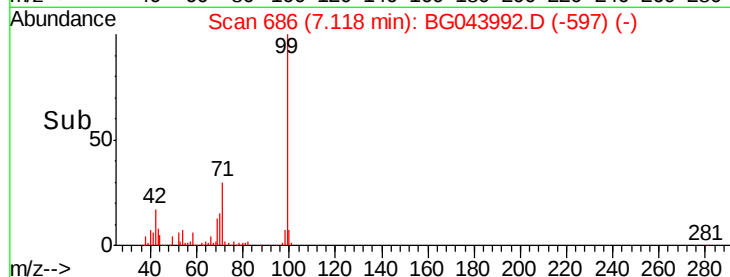
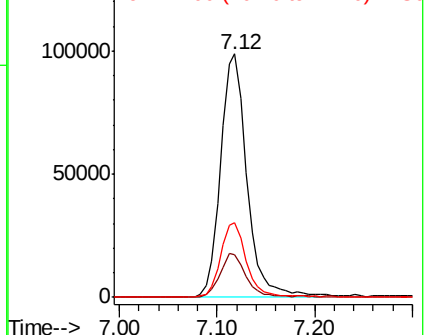
99 100

42 17.4 14.9 22.3

71 30.5 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG043992.D

Acq: 9 Jan 2020 8:26

Tgt Ion: 136 Resp: 458851

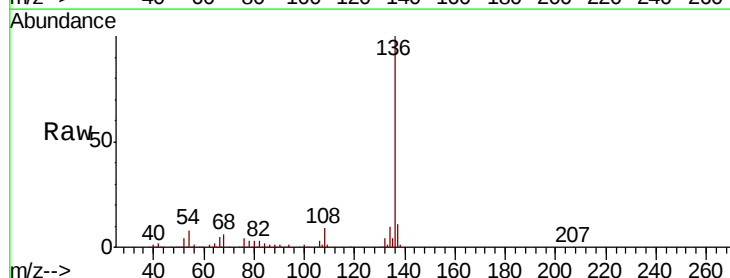
Ion Ratio Lower Upper

136 100

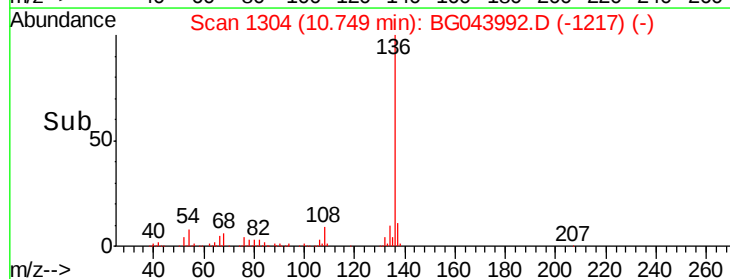
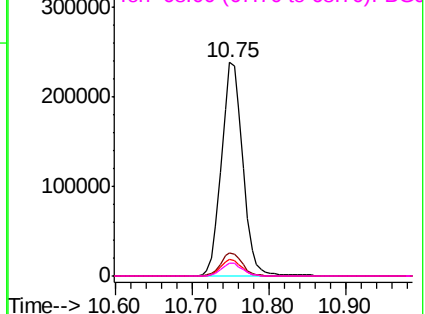
137 11.1 8.8 13.2

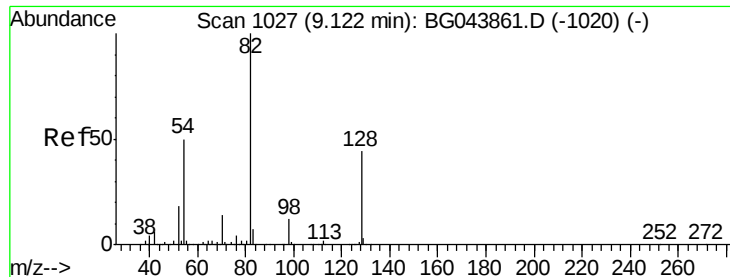
54 7.9 7.0 10.4

68 6.0 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

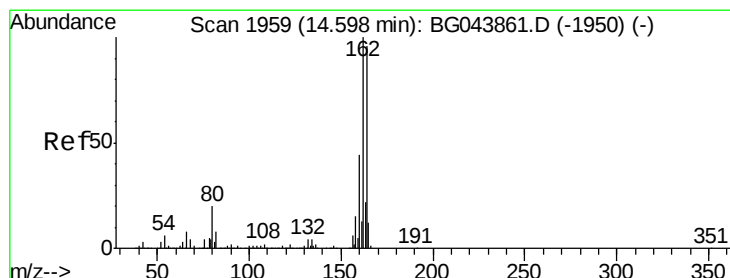
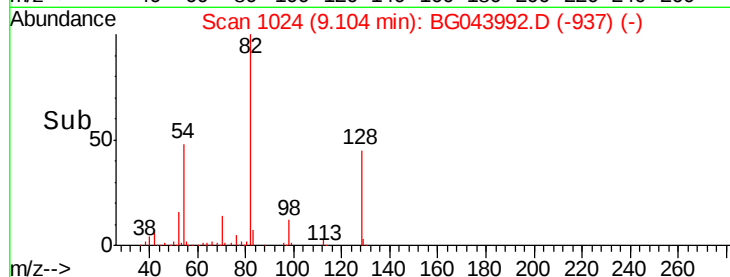
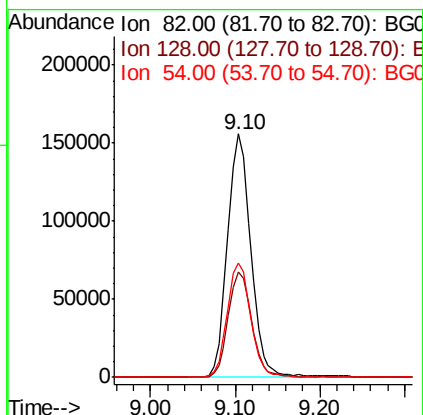
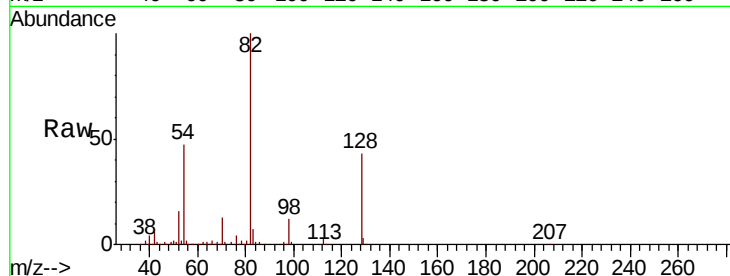




#23
Nitrobenzene-d5
Concen: 34.683 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG043992.D
Acq: 9 Jan 2020 8:26

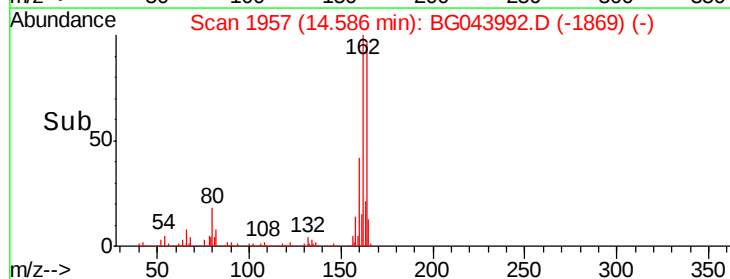
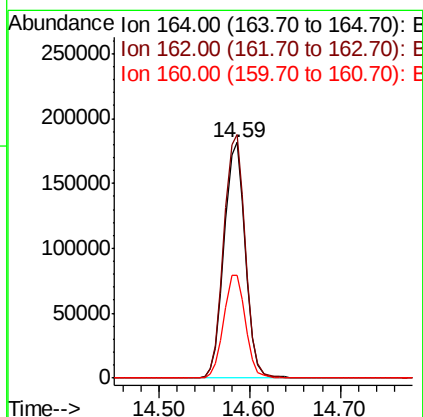
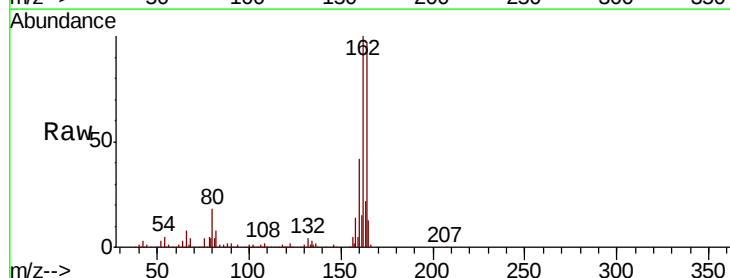
Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-A

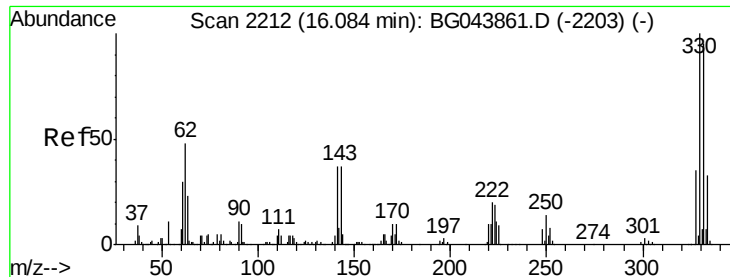
Tot Ion	82	Resp	297483
Ion Ratio	Lower	Upper	
82	100		
128	43.2	35.1	52.7
54	46.9	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043992.D
Acq: 9 Jan 2020 8:26

Tgt Ion	164	Resp	295337
Ion Ratio	Lower	Upper	
164	100		
162	103.4	83.0	124.4
160	43.5	36.1	54.1

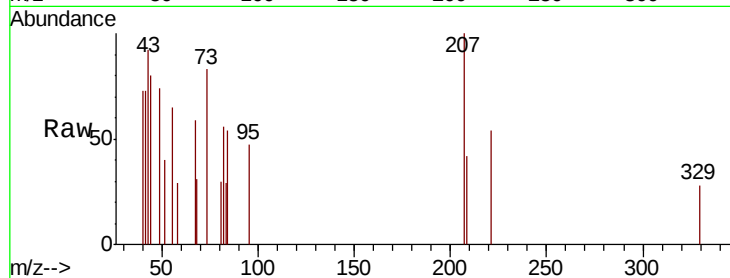




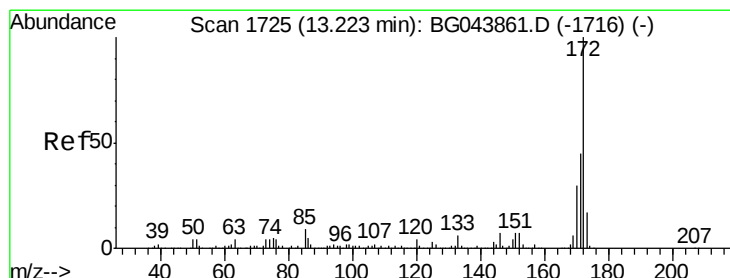
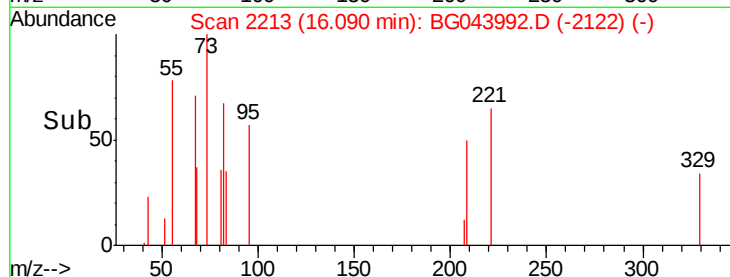
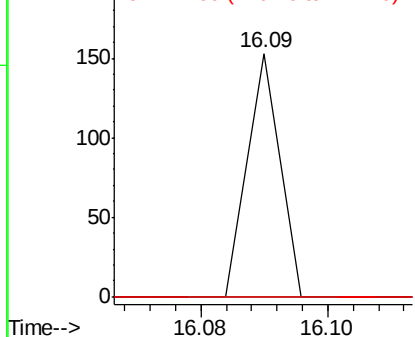
#42
 2,4,6-Tribromophenol
 Concen: 0.017 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. 0.01 min
 Lab File: BG043992.D
 Acq: 9 Jan 2020 8:26

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-A

Tot Ion:330 Resp: 54
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.2 115.8#
 141 0.0 33.1 49.7#

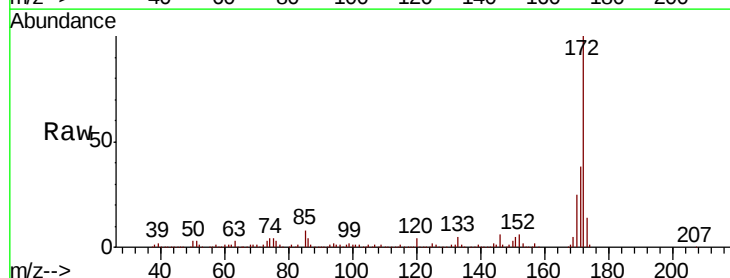


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

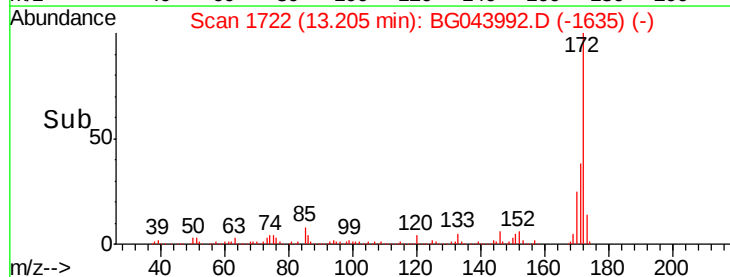
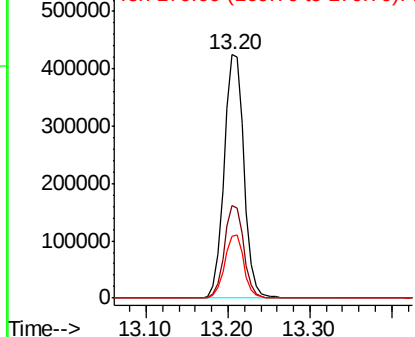


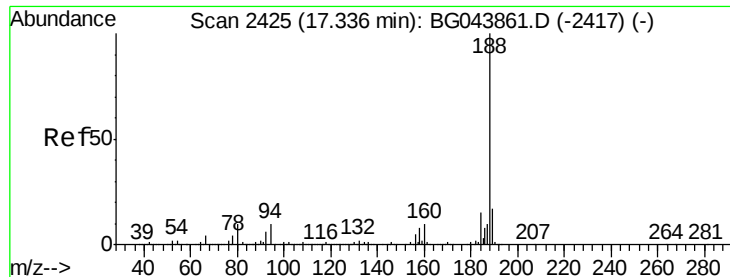
#45
 2-Fluorobiphenyl
 Concen: 43.994 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG043992.D
 Acq: 9 Jan 2020 8:26

Tgt Ion:172 Resp: 717143
 Ion Ratio Lower Upper
 172 100
 171 38.3 35.8 53.8
 170 25.4 24.2 36.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG043992.D

Acq: 9 Jan 2020 8:26

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-A

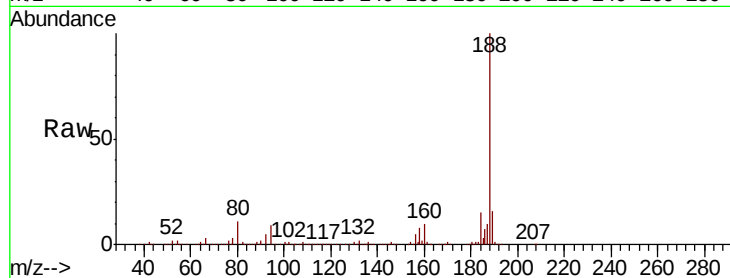
Tot Ion:188 Resp: 634340

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

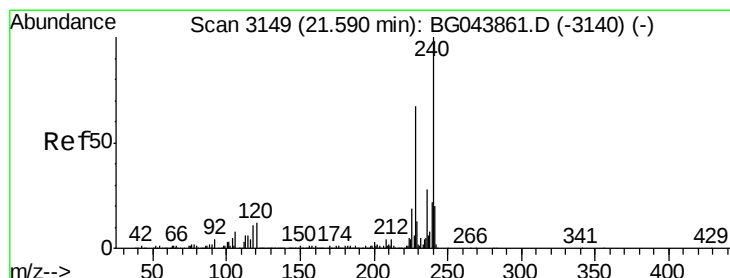
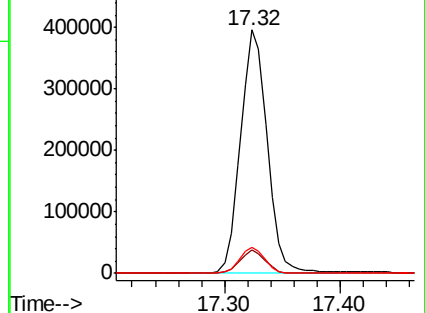
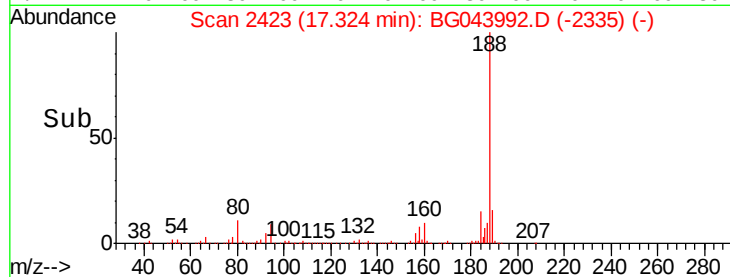
80 10.8 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG043992.D

Acq: 9 Jan 2020 8:26

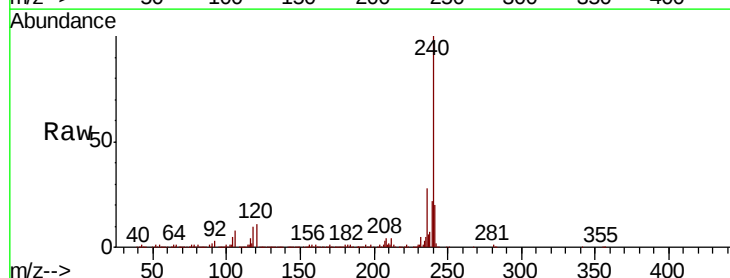
Tgt Ion:240 Resp: 550995

Ion Ratio Lower Upper

240 100

120 11.3 9.6 14.4

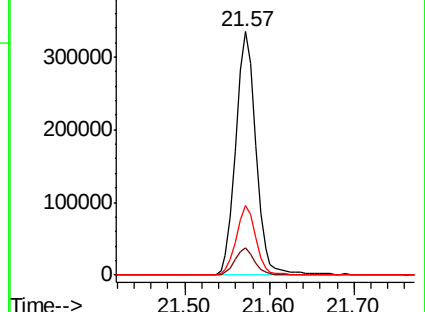
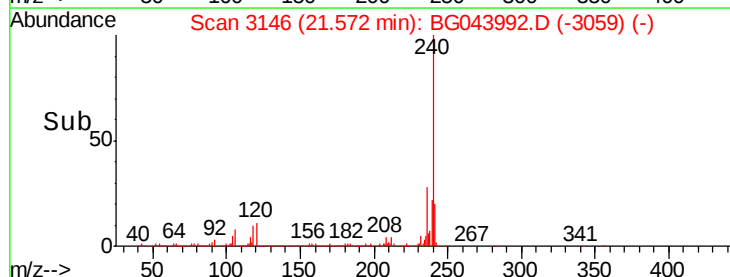
236 28.3 22.2 33.2

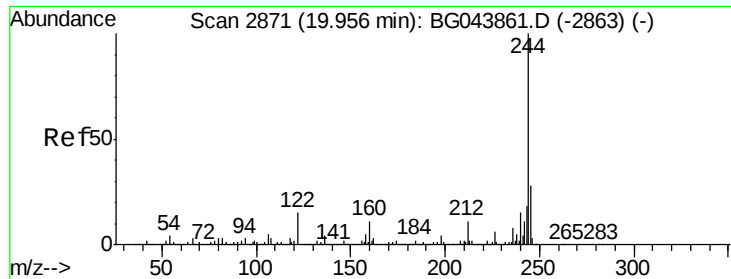


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 39.867 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG043992.D

Acq: 9 Jan 2020 8:26

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-A

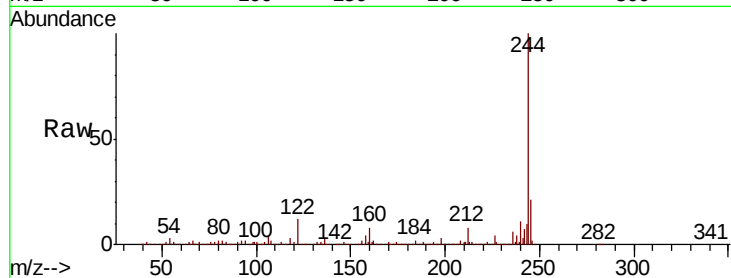
Tot Ion:244 Resp: 1093564

Ion Ratio Lower Upper

244 100

212 7.9 8.6 13.0#

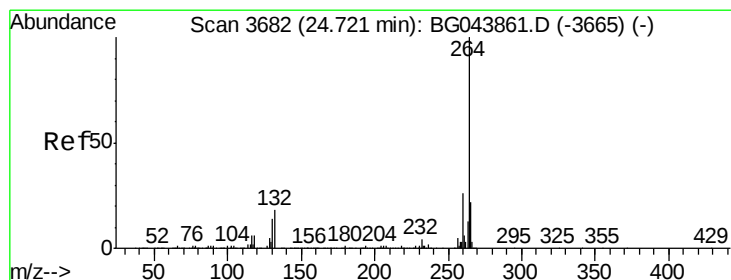
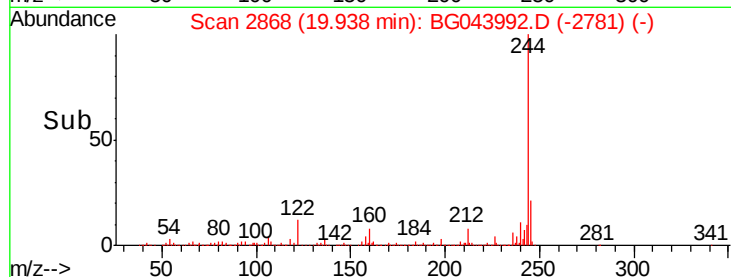
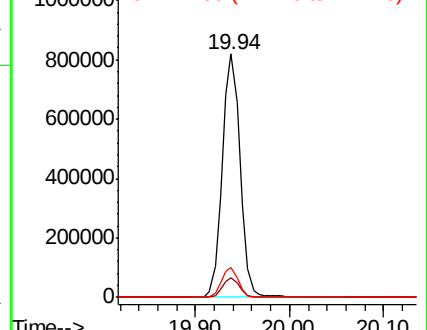
122 12.1 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.69 min Scan# 3676

Delta R.T. -0.04 min

Lab File: BG043992.D

Acq: 9 Jan 2020 8:26

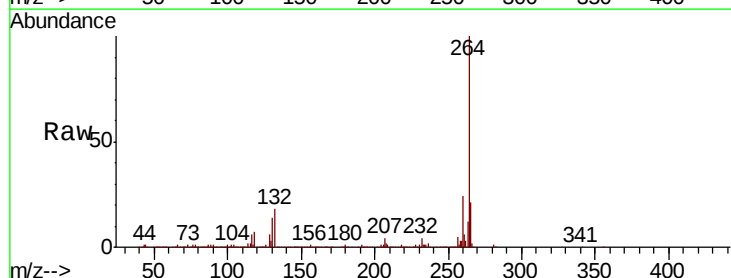
Tgt Ion:264 Resp: 602295

Ion Ratio Lower Upper

264 100

260 24.0 20.4 30.6

265 21.4 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

